



Automated Supermarket

<https://github.com/as2580/SoftwareEngineeringGroup4>

Software Engineering Group 4

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Demo #2

Tuesday, April 28, 2020

System Requirements

- smart devices that can run browsers to access the applications
- tablets with network connections to act as the terminals
- AWS or local hardware on which to run the database
- RFID scanners
- RFID tags

Contact Us

For more information, please contact us at andrew.saengtawesin@rutgers.edu.

Terminals

Customer Assistance Terminal

- assists customers without employee intervention for tasks such as price checking and product search

Checkout Terminal

- a checkout procedure with minimal employee intervention

Returns Terminal

- a return process with minimal employee intervention

Applications

Customer Application

- price checking and product search
- shopping lists for registered users

Employee Application

- employee claiming and completion of tasks

Manager Application

- management of employee tasks
- viewing of analytics such as employee hours and sales figures

Database

- holds information about:
 - application logins
 - tasks and employees
 - products and transactions
 - customer shopping lists

- a singular location for information accessed from multiple sources